YAMAHA

TX216

FM TONE GENERATOR SYSTEM

PERFORMANCE NOTES

This performance notebook lists all the information necessary for utilizing the maximum capabilities of the data included for use with the TX216. Please use this notebook as reference when performing on the TX216.

1.	ACOUSTIC PIANO	Pitch Bend effect is only on A side. By detuning A and B, sound becomes richer.
2.	HIGH STRINGS	By detuning A and B, sound becomes richer. Vibrato can be added by using After Touch or Modulation Wheel, and volume can be changed by Foot Control.
3.	TRUMPETS	Some type of sound on both sides, however, function of LFO is changed to obtain a stereo effect. Initial Touch gives expression to tone, and After Touch produces vibrato on side A only. Also, if key is pressed down for a long time, sound will only remain on side B.
4.	MALE & FEMALE CHOIR	Vibrato produced by After Touch or Modulation Wheel is stronger for male choir than for female choir.
5.	ELECTRIC PIANO	Same sounds on both sides. Initial Touch gives expression to the tone, and vibrato can be added by using Modulation Wheel.
6.	ELECTRIC ORGAN	Same type of sound on both sides, however, as function of LFO is different, stereo effect can be produced by Modulation Wheel.
7.	POWER SYNTHESIZER	By detuning A and B, the sound becomes richer, and Initial Touch gives expression to the tone.
8.	FAT SYNTHESIZER	As the name indicates, producing same note on both sides will widen the sound. Vibrato can be produced by using Modulation Wheel.
9.	GUITARS	This mixes two sounds, jazz guitar on side A, and spanish guitar on side B. By using keyboard level scaling, tone variation can be enjoyed through keyboard range. Initial Touch gives expression to the tone, and by using Modulation Wheel to produce vibrato, sound can be expanded even further.
10.	CELLO ENSEMBLE	Detuning same type of sound produces rich string sound. Modulation Wheel produces vibrato, and Initial Touch can be used for bow like effect.
11.	AFRICAN MALLET	Pitch Bend and Vibrato by Modulation Wheel are only produced on side A, while vibrato by After Touch is only produced on side B. Tone can be varied by Initial Touch.
12.	ELECTRIC PIANO & BREATH CONTROL BRASS	For electric piano, tone can be varied by Initial Touch, and if Breath Control is used, brass sound comes flowing out. Modulation Wheel and After Touch give expression, and ensemble music can be enjoyed. As the effect is stronger on side A than on side B, stereo effect can also be enjoyed.

13.	PIPE ORGAN	By Initial Touch, volume difference between A and B can be enjoyed, and sound image moves from left to right (and vice versa).
14.	SYN-RISE	Pitch EG moves musical interval from A to B, and stereo effect can be enjoyed.
15.	CLAV.	By detuning A and B, stereo effect is produced. Vibrato is produced by Modulation Wheel.
16.	TINE ELECTRIC PIANO & STRINGS	After an intimate electric piano introduction, gradually pressing down foot pedal will produce a grandiose string sound. Use effectively different Pitch Bends for A and B.
17.	BREATH CONTROL FLUTE & STRING BELLS	Use Breath Control for flute solo, and Foot Control for string accompaniment.
18.	HORNS	Initial Touch allows you to enjoy brass ensemble. Use Modulation Wheel for vibrato.
19.	DOUBLE HARP	This sound reproduces very subtle differences in attack. Initial Touch varies the tone.
20.	ELECTRIC GUITAR	Use Initial Touch, Modulation Wheel and Pitch Bend to reproduce a variety of electric guitar and bass sounds.
21.	ELECTRIC BASS	Combining same type of sound produces a rich bass sound, and using Initial Touch produces skillful plucking effect.
22.	HARPSICHORD	By detuning A and B, you can enjoy stereo effect.
23.	VIBRAPHONE	Same type of sound on both sides, however, different vibrato speed widens the sound.
24.	BREATH CONTROL SAX & BRASS HORNS	This is a brass (trombone-like) and Sax duet. Use Foot Control for trombone, and Breath Control to control sax. Also, use Modulation Wheel for vibrato.
25.	FM PIANO	By detuning A and B, you can enjoy stereo effect. Initial Touch gives expression to the tone.
26.	MODULATION WHEEL TIMPANI & ORCHESTRA	Add timpani to orchestra by using Modulation Wheel, and use different Pitch Bends for A and B effectively.
27.	TIME WARP & BELL VOICE	Use Modulation Wheel to produce futuristic time warp sound.
28.	TUBERISE	Use Modulation Wheel to add effect to chime sound and enjoy stereo effect. Also enjoy reverberations after releasing keys.
29.	VIOLIN ENSEMBLE	By using Modulation Wheel to produce vibrato, a lousy ensemble becomes professional.
30.	KARIMBA	This sounds like a folk instrument. Produce fun sounds by using Modulation Wheel and Initial Touch.
31.	HARMOSYNTH	This is a synthesizer sound like harmonica. Use Modulation Wheel for vibrato.
32.	ORCHESTRA & TRUMPET	Play softly for orchestra and strongly for trumpet solo. Use Modulation Wheel for vibrato and tremolo. Use different Pitch Bends for A and B effectively.

✱ Connect FC-3A or FC-7 Foot Controller to Foot Modulation terminal on rear panel of the DX7.

DATA TABLES

1. These data tables give in table form ideas for utilizing to their maximum the functions of your TX216.
   Each page includes data in an upper row (A group) and lower row (B group), which together make up the data for one type of performance. Before shipping from the factory, the data for the A group are loaded into the first of the TX216 and the data for the B group are loaded into the second TF1 module.

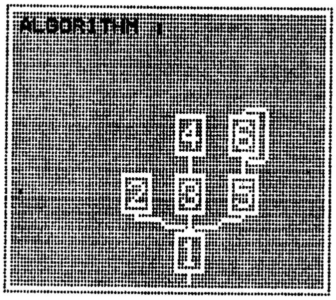
2. Since the data introduced here are produced for a DX7 which is to be connected as a MIDI keyboard, some of the function of voice are not available without using a Foot controller (FC3A or FC7) or a Breath Controller (BC1).
   It is recommended to connect a Foot Controller (FC3A or FC7) to the MODULATION terminal in the FOOT CONTROL section, a Breath Controller (BC1) to the BREATH CONTROL terminal.

3. For the functions of each voice in these data tables, the range values for the Modulation Wheel, Foot Control, Breath Control and After Touch are from 0 ~ 99 when used in connection with the DX7, but the TX216 only actually handles the 0 ~ 15 range.

   The range values for the Modulation Wheel, Foot Control, Breath Control and After Touch sent from the DX7 are changed automatically as shown in the table below:

TX216	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
DX7	0	6	13	19	26	33	39	46	53	59	66	72	79	86	92	99

1. ACOUSTIC PIANO



< NAME >
ACC. PIANO

ALGO	16
MID C	C 3
F.B	7
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	49	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	35	00	00	00	ON	0

OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
		< FREQ >				< ENVELOPE >								< KBD SCALE >						< S >		
1	C	N	01.00	00	+0	70	23	17	46	99	79	00	00	00	-L	D#2	00	-L	6	0	4	99
2		F	74.13	87	+0	66	61	64	55	99	82	00	00	20	-L	A 7	00	-L	1	0	2	80
3		N	01.00	00	-1	65	15	13	43	99	88	00	00	00	-L	C 4	95	-L	3	0	1	77
4		N	04.00	00	+1	64	14	11	43	99	88	00	00	00	+L	C 0	87	-E	6	0	1	77
5		N	20.00	00	+2	72	16	00	42	99	92	00	00	20	-L	G#0	84	-L	4	0	3	72
6		N	08.00	00	+7	94	19	00	42	99	92	00	00	08	+L	B 1	00	-L	0	0	1	58

POLY /MONO
POLY

< PORTAMENTO >

mode	gliss	time
retai	OFF	00

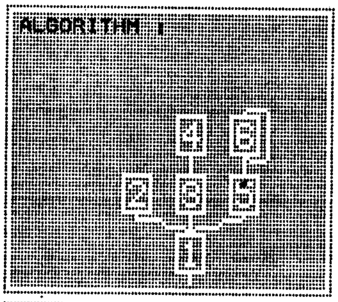
LEVEL ATT
007

< P.BENDER >

range	step
05	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	19	00	00	86
pitch	ON	OFF	OFF	ON
amp	ON	OFF	OFF	OFF
EG-bias	ON	OFF	OFF	OFF



< NAME >
ACC. PIANO

ALGO	16
MID C	C 3
F.B	7
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	49	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	35	00	00	00	ON	0

OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
		< FREQ >				< ENVELOPE >								< KBD SCALE >						< S >		
1	C	N	01.00	00	+7	70	23	17	46	99	79	00	00	00	-L	D#2	00	-L	6	0	3	99
2		F	74.13	87	+7	66	61	64	55	99	82	00	00	20	-L	A 7	00	-L	1	0	2	80
3		N	01.00	00	+3	65	15	13	43	99	88	00	00	00	-L	F 2	09	-L	3	0	1	77
4		N	05.00	00	+5	64	14	11	43	99	88	00	00	00	+L	C 0	87	-E	6	0	1	77
5		N	20.00	00	+7	72	16	00	42	99	92	00	00	20	-L	G#0	84	-L	4	0	3	72
6		N	08.00	00	+0	94	19	00	42	99	92	00	00	08	+L	B 1	00	-L	0	0	1	58

POLY /MONO
POLY

< PORTAMENTO >

mode	gliss	time
retai	OFF	00

LEVEL ATT
007

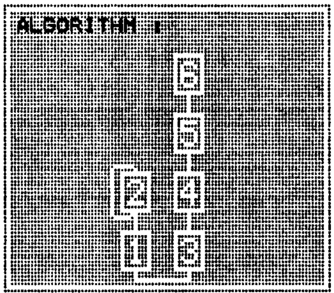
< P.BENDER >

range	step
00	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	00	00	00	99
pitch	OFF	OFF	OFF	ON
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

2. HIGH STRINGS



< NAME >
HI STRINGS

ALGO	02
MID C	G#1
F.B	7
SYNC	ON

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
94	67	95	60	50	50	50	50

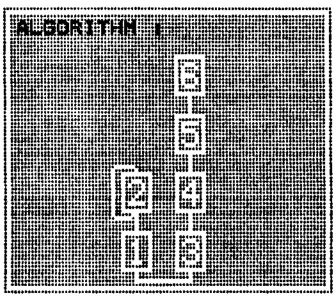
< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	38	33	17	00	OFF	2

OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
		< FREQ >				< ENVELOPE >								< KBD SCALE >						< S >		
1	C	F	1.000	00	+2	46	33	20	46	99	92	84	00	00	-L	A-1	00	-L	2	3	1	99
2		N	05.00	00	+6	99	46	00	44	99	93	87	00	00	-L	D#4	00	-L	1	0	1	84
3	C	F	1.000	00	+3	46	33	20	43	99	92	84	00	00	-L	A-1	00	-L	2	3	0	99
4		N	05.00	00	+2	99	46	00	46	99	93	87	00	00	-L	D#4	00	-L	1	0	1	84
5		N	05.00	00	-2	99	46	00	43	99	93	87	00	00	-L	D#4	99	-L	1	0	0	77
6		N	10.00	00	+0	99	46	00	43	99	93	87	00	00	-L	D#4	99	-L	1	0	0	71

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	01

LEVEL ATT	< P.BENDER > range	step
007	05	00

< MODULATION >	MOD	F.C	B.C	A.TCH
range	53	99	00	86
pitch	ON	OFF	OFF	ON
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	ON	OFF	OFF



< NAME >
HI STRINGS

ALGO	02
MID C	G#1
F.B	7
SYNC	ON

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
94	67	95	60	50	50	50	50

< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	38	33	17	00	OFF	2

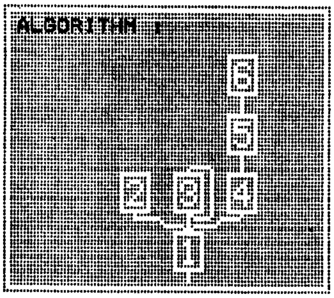
OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
		< FREQ >				< ENVELOPE >								< KBD SCALE >						< S >		
1	C	F	1.000	00	+2	46	33	20	46	99	92	84	00	00	-L	A-1	00	-L	2	3	1	99
2		N	05.00	00	+6	99	46	00	44	99	93	87	00	00	-L	D#4	00	-L	1	0	1	84
3	C	F	1.000	00	+3	46	33	20	43	99	92	84	00	00	-L	A-1	00	-L	2	3	0	99
4		N	05.00	00	+2	99	46	00	46	99	93	87	00	00	-L	D#4	00	-L	1	0	1	84
5		N	05.00	00	-2	99	46	00	43	99	93	87	00	00	-L	D#4	99	-L	1	0	0	77
6		N	10.00	00	+0	99	46	00	43	99	93	87	00	00	-L	D#4	99	-L	1	0	0	71

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	05	00

< MODULATION >	MOD	F.C	B.C	A.TCH
range	53	99	00	86
pitch	ON	OFF	OFF	ON
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	ON	OFF	OFF

3. TRUMPET



< NAME >
TRUMPET A

ALGO	18
MID C	C 3
F.B	7
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	67	95	60	49	51	50	52

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	34	45	06	00	OFF	2

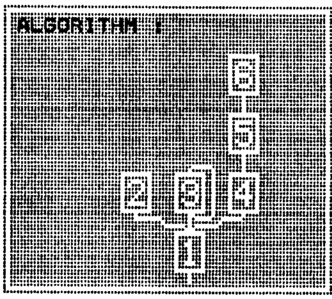
OP		M	< FREQ > FC	FF	D	< ENVELOPE > R1	R2	R3	R4	L1	L2	L3	L4	< KBD SCALE > LD	LC	BP	RD	RC	R	< S > M	V	TL
1	C	N	01.00	00	+5	70	24	19	55	99	95	53	00	00	-L	A-1	00	-L	2	0	4	99
2		N	02.10	05	-7	99	12	22	50	85	00	00	00	00	-L	F 5	96	-E	2	0	7	45
3		N	01.00	00	+0	41	12	22	50	99	95	95	00	00	-L	A-1	00	-L	5	0	3	81
4		N	01.00	00	+0	66	76	22	50	99	61	61	00	00	-L	A-1	00	-L	5	0	4	74
5		N	06.24	04	-1	48	12	22	50	99	61	61	00	00	-L	A-1	00	-L	5	0	0	50
6		N	08.47	21	+0	42	56	20	70	99	00	00	00	00	-L	A-1	00	-L	7	0	3	99

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	86
pitch	ON	OFF	OFF	ON
amp	ON	OFF	OFF	OFF
EG-bias	ON	OFF	OFF	OFF



< NAME >
TRUMPET B

ALGO	18
MID C	C 3
F.B	7
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
86	67	95	99	52	49	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	35	00	00	00	OFF	5

OP		M	< FREQ > FC	FF	D	< ENVELOPE > R1	R2	R3	R4	L1	L2	L3	L4	< KBD SCALE > LD	LC	BP	RD	RC	R	< S > M	V	TL
1	C	N	01.00	00	+0	70	24	19	55	99	86	86	00	00	-L	A-1	00	-L	2	0	7	99
2		N	02.10	05	+0	99	12	22	50	85	85	85	00	00	-L	F 5	96	-E	2	0	3	50
3		N	01.00	00	+0	41	12	22	50	99	99	96	00	00	-L	A-1	00	-L	5	0	2	79
4		N	01.00	00	+0	66	76	22	50	99	61	61	00	00	-L	A-1	00	-L	5	0	3	74
5		N	06.24	04	-1	48	12	22	50	99	61	61	00	00	-L	A-1	00	-L	5	0	0	50
6		N	08.47	21	+0	42	56	20	70	99	00	00	00	00	-L	A-1	00	-L	7	0	3	99

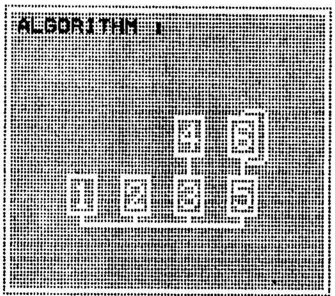
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POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	ON
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

4. MALE & FEMALE CHOIR



< NAME >
MALE CHOIR

ALGO	29
MID C	C 2
F.B	0
SYNC	ON

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
75	80	75	60	50	50	50	50

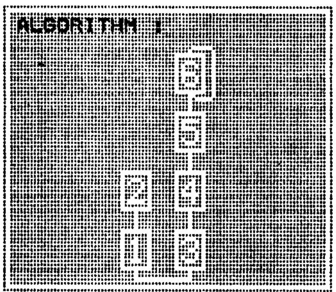
< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	35	33	36	38	OFF	2

OP		< FREQ > M	FC	FF	D	< ENVELOPE > R1	R2	R3	R4	L1	L2	L3	L4	< KBD SCALE > LD	LC	BP	RD	RC	R	< S > M	V	TL
1	C	N	03.00	00	+3	47	80	22	52	99	99	99	00	99	-L	F#2	99	-L	0	0	0	91
2	C	N	05.00	00	-3	47	20	22	50	99	99	97	00	99	-L	C 2	99	-L	0	0	0	67
3	C	F	2692.	43	+0	40	80	22	52	99	99	99	00	00	-L	F#2	15	-L	0	0	0	78
4		N	01.00	00	+2	60	20	22	50	99	99	97	00	00	-L	F 1	08	-L	0	0	0	79
5	C	N	02.00	00	-3	48	80	22	54	99	99	99	00	18	-L	E 3	00	-L	0	0	0	99
6		N	01.00	00	+3	99	80	22	30	99	99	99	00	00	-L	D#2	62	-L	0	0	0	83

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	05	00

< MODULATION >	MOD	F.C	B.C	A.TCH
range	53	00	00	53
pitch	ON	OFF	OFF	ON
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF



< NAME >
FEM. CHOIR

ALGO	01
MID C	C 3
F.B	4
SYNC	ON

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
18	25	99	99	49	49	50	50

< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	39	35	91	02	OFF	1

OP		< FREQ > M	FC	FF	D	< ENVELOPE > R1	R2	R3	R4	L1	L2	L3	L4	< KBD SCALE > LD	LC	BP	RD	RC	R	< S > M	V	TL
1	C	N	01.00	00	-7	51	55	53	64	61	88	85	00	00	-L	A-1	00	-L	0	3	0	97
2		N	01.00	00	+0	69	83	80	98	69	81	96	99	00	-L	A-1	00	-L	0	0	0	62
3	C	N	01.00	00	+0	42	20	53	57	99	94	97	00	00	-L	A-1	00	-L	0	3	3	99
4		N	01.02	02	+3	72	56	41	12	48	67	67	09	00	-L	A-1	00	-L	0	0	1	99
5		F	2692.	43	-1	35	21	36	63	99	90	85	00	00	-L	A-1	00	-L	0	0	1	46
6		N	01.00	00	+1	99	72	48	17	99	99	99	00	00	-L	A-1	00	-L	0	0	0	66

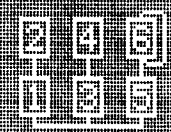
POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	05	00

< MODULATION >	MOD	F.C	B.C	A.TCH
range	53	00	00	53
pitch	ON	OFF	OFF	ON
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

5. ELECTRIC PIANO

ALGORITHM :



< NAME >
ELEC.PNO A

ALGO	05
MID C	C 3
F.B	6
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	15	33	00	00	OFF	2

OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
		< FREQ >				< ENVELOPE >								< KBD SCALE >						< S >		
1	C	N	01.00	00	+3	96	25	25	67	99	75	00	00	00	-L	A-1	00	-L	3	0	7	99
2		N	26.18	54	+0	95	50	35	78	99	75	00	00	00	-L	A-1	01	-L	3	0	7	75
3	C	N	01.00	00	+0	95	20	20	50	99	95	00	00	00	-L	A-1	00	-L	3	0	2	99
4		N	01.00	00	+0	95	29	20	50	99	95	00	00	00	-L	A-1	00	-L	3	0	6	89
5	C	N	01.00	00	-7	95	20	20	50	99	95	00	00	00	-L	A-1	00	-L	3	0	0	99
6		N	01.00	00	+7	95	29	20	50	99	95	00	00	00	-L	D 3	19	-L	3	0	6	79

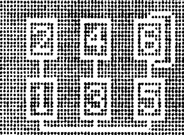
POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	99	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	ON	OFF

ALGORITHM :



< NAME >
ELEC.PNO B

ALGO	05
MID C	C 3
F.B	6
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	15	33	00	00	OFF	2

OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
		< FREQ >				< ENVELOPE >								< KBD SCALE >						< S >		
1	C	N	01.00	00	+3	96	25	25	67	99	75	00	00	00	-L	A-1	00	-L	3	0	7	99
2		N	26.18	54	+0	95	50	35	78	99	75	00	00	00	-L	A-1	01	-L	3	0	7	75
3	C	N	01.00	00	+0	95	20	20	50	99	95	00	00	00	-L	A-1	00	-L	3	0	2	99
4		N	01.00	00	+0	95	29	20	50	99	95	00	00	00	-L	A-1	00	-L	3	0	6	89
5	C	N	01.00	00	-7	95	20	20	50	99	95	00	00	00	-L	A-1	00	-L	3	0	0	99
6		N	01.00	00	+7	95	29	20	50	99	95	00	00	00	-L	D 3	19	-L	3	0	6	79

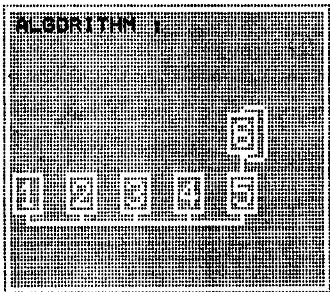
POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	99	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	ON	OFF

6. ELECTRIC ORGAN



< NAME >
E.ORGAN A

ALGO	31
MID C	C 3
F.B	7
SYNC	ON

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

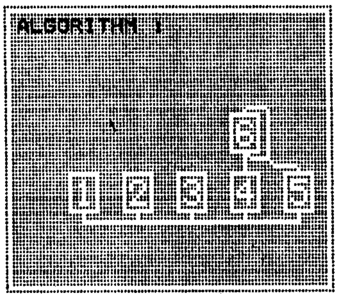
< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	40	00	00	00	OFF	2

OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
		< FREQ >				< ENVELOPE >								< KBD SCALE >						< S >		
1	C	N	00.50	01	+0	99	80	22	90	99	99	99	00	00	-L	A-1	00	-L	0	1	0	99
2	C	N	01.00	00	+1	99	20	22	90	99	99	97	00	00	-L	A-1	10	-L	0	1	0	99
3	C	N	01.50	50	+4	99	80	54	82	99	99	99	00	00	-L	A-1	00	-L	0	1	0	99
4	C	N	03.00	00	+7	99	59	99	90	99	70	70	00	00	-L	A-1	00	-L	0	0	0	99
5	C	N	02.00	00	+7	99	54	22	90	99	75	99	00	00	-L	A-1	00	-L	0	0	0	64
6		F	1995.	30	+7	99	84	22	90	99	00	00	00	00	-L	A-1	00	-L	0	0	0	99

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >	MOD	F.C	B.C	A.TCH
range	53	19	00	00
pitch	ON	ON	OFF	ON
amp	ON	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF



< NAME >
E.ORGAN B

ALGO	25
MID C	C 3
F.B	1
SYNC	ON

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	12	00	00	00	OFF	2

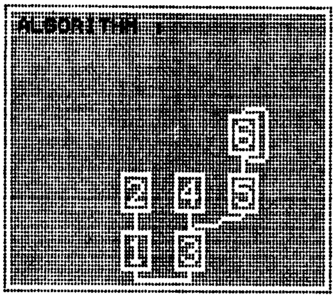
OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
		< FREQ >				< ENVELOPE >								< KBD SCALE >						< S >		
1	C	N	00.50	00	+7	95	99	99	90	99	99	99	00	00	-L	A-1	00	-L	0	0	0	99
2	C	N	01.00	00	-7	99	99	22	90	99	99	97	00	00	-L	A-1	10	-L	0	0	0	99
3	C	N	01.50	50	+4	99	99	99	82	99	99	99	00	00	-L	A-1	00	-L	0	0	3	99
4	C	N	04.08	02	+1	91	57	99	90	99	85	85	00	00	-L	A-1	00	-L	0	0	3	76
5	C	N	01.00	00	+2	99	99	99	90	99	99	99	00	00	-L	A-1	00	-L	0	0	4	96
6		N	04.00	00	-7	99	99	99	90	99	99	99	00	00	-L	A-1	00	-L	0	0	0	62

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	ON	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

7. POWER SYNTHESIZER



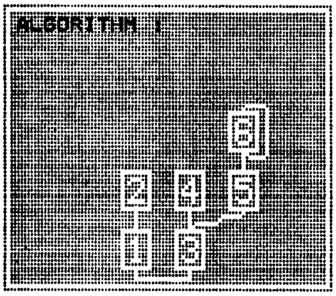
< NAME >
POWERSYN A

ALGO	07
MID C	C 2
F.B	7
SYNC	ON

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	44	00	00	00	ON	3

		< FREQ >				< ENVELOPE >								< KBD SCALE >						< S >		
OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	N	02.00	00	-1	82	27	17	67	99	94	95	00	00	-L	A-1	00	-L	5	0	0	96
2		N	01.00	00	+1	90	32	28	99	99	90	03	00	00	-L	A-1	00	-L	3	0	7	85
3	C	N	03.00	00	+0	99	27	14	67	99	94	75	00	00	-L	A-1	00	-L	4	0	0	99
4		N	01.00	00	-3	99	21	14	67	99	85	97	00	00	-L	B 2	32	-L	6	0	7	94
5		N	01.00	00	+2	96	27	20	67	99	96	96	97	00	-L	A-1	00	-L	4	0	7	99
6		N	13.00	00	+0	60	71	18	67	93	94	00	00	00	-L	A-1	00	-L	2	0	7	79



< NAME >
POWERSYN B

ALGO	07
MID C	C 2
F.B	6
SYNC	ON

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	44	00	00	00	ON	3

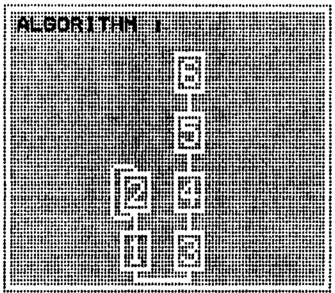
		< FREQ >				< ENVELOPE >								< KBD SCALE >						< S >		
OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	N	04.00	00	-1	82	27	17	67	99	94	95	00	00	-L	A-1	00	-L	5	0	0	96
2		N	01.00	00	+1	90	32	28	99	99	90	03	00	00	-L	A-1	00	-L	3	0	6	99
3	C	F	1.622	21	+7	80	27	14	67	99	94	75	00	00	-L	A-1	00	-L	4	0	6	99
4		N	07.00	00	-2	69	21	14	67	99	46	00	00	00	-L	B 2	32	-L	6	0	2	90
5		N	03.00	00	+3	81	27	20	67	99	96	93	97	00	-L	A-1	00	-L	4	0	6	87
6		N	11.00	00	+0	74	71	18	67	93	94	00	00	00	-L	A-1	00	-L	5	0	0	88

POLY /MONO	< PORTAMENTO >		
	mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER >	
	range	step
007	02	00

< MODULATION >	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	ON	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

8. FAT SYNTHESIZER



< NAME >
FATSYNTH A

ALGO	02
MID C	C 2
F.B	7
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
94	67	95	60	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	38	33	32	00	OFF	1

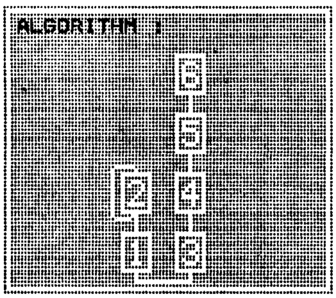
		< FREQ >				< ENVELOPE >								< KBD SCALE >						< S >		
OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	F	1.000	00	-7	71	41	54	61	99	95	99	00	00	-L	A-1	00	-L	0	0	0	99
2		N	01.00	00	-7	59	46	05	38	98	95	95	00	00	-L	C 1	02	-L	0	0	0	86
3	C	F	1.202	08	+7	71	41	54	61	99	95	99	00	00	-L	A-1	00	-L	0	0	0	99
4		N	01.00	00	-2	56	13	05	35	99	96	94	00	00	-L	G 2	20	-L	0	0	0	82
5		N	01.00	00	+0	56	13	04	33	99	96	94	00	00	-L	D#4	00	-L	0	0	0	77
6		N	04.00	00	+2	56	13	03	33	99	96	94	00	00	-L	D#4	00	-L	0	0	0	64

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF



< NAME >
FATSYNTH B

ALGO	02
MID C	C 2
F.B	7
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
94	67	95	60	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	38	33	32	00	OFF	1

		< FREQ >				< ENVELOPE >								< KBD SCALE >						< S >		
OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	F	1.000	00	-7	71	41	54	61	99	95	99	00	00	-L	A-1	00	-L	0	0	0	99
2		N	01.00	00	-7	59	46	05	38	98	95	95	00	00	-L	C 1	02	-L	0	0	0	86
3	C	F	1.202	08	+7	71	41	54	61	99	95	99	00	00	-L	A-1	00	-L	0	0	0	99
4		N	01.00	00	-2	56	13	05	35	99	96	94	00	00	-L	G 2	20	-L	0	0	0	82
5		N	01.00	00	+0	56	13	04	33	99	96	94	00	00	-L	D#4	00	-L	0	0	0	77
6		N	04.00	00	+2	56	13	03	33	99	96	94	00	00	-L	D#4	00	-L	0	0	0	64

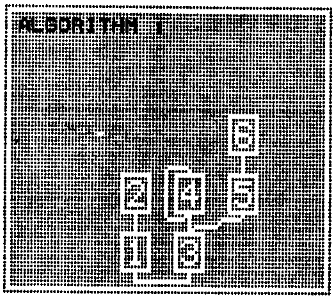
POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

9. GUITARS



< NAME >
JAZZ GUITR

ALGO	08
MID C	C 3
F.B	7
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
75	80	75	60	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	35	00	01	03	OFF	3

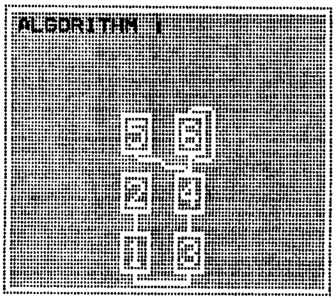
OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
		< FREQ >				< ENVELOPE >								< KBD SCALE >						< S >		
1	C	N	01.00	00	+0	74	85	27	70	99	95	00	00	00	-L	A-1	00	-L	4	0	3	99
2		N	03.00	00	+0	91	25	39	60	99	86	00	00	00	-L	A-1	65	-L	2	0	4	97
3	C	N	01.00	00	+0	78	87	22	75	99	92	00	00	09	-L	G 2	00	-L	3	0	7	99
4		N	03.00	00	+0	81	87	22	75	99	92	00	00	00	-L	A-1	14	-L	4	0	4	90
5		N	03.00	00	+0	81	87	22	75	99	92	00	00	00	-L	A-1	15	-L	4	0	7	92
6		N	14.00	00	+0	99	57	99	75	99	00	00	00	53	-L	C 3	20	-L	0	0	5	75

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	01	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF



< NAME >
SPANISHGTR

ALGO	14
MID C	C 3
F.B	4
SYNC	OFF

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
98	98	75	60	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	39	85	01	00	OFF	1

OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
		< FREQ >				< ENVELOPE >								< KBD SCALE >						< S >		
1	C	N	01.00	00	+0	75	79	24	66	99	27	00	00	00	+E	A#1	00	+E	3	0	3	88
2		N	27.00	00	+2	91	98	24	53	99	27	00	00	00	-L	F 1	00	-E	3	0	1	96
3	C	N	01.00	00	+0	75	28	24	66	99	27	00	00	00	+E	A#1	00	+E	3	0	1	99
4		N	03.00	00	+0	91	28	24	53	99	27	00	00	00	-L	F 1	00	-E	3	0	2	63
5		N	01.00	00	+0	52	23	24	53	96	27	00	00	00	-L	D#3	00	-E	3	0	3	61
6		N	05.00	00	+0	91	28	24	53	99	27	00	00	00	-L	G 0	00	-L	3	0	2	74

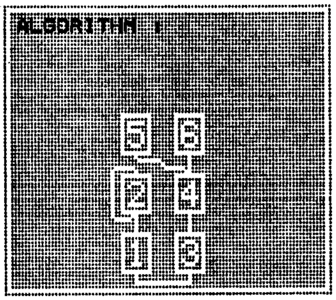
POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	01	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

10. CELLO ENSEMBLE



< NAME >	
CELLOS	A

ALGO	15
MID C	C 2
F.B	7
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	33	10	36	00	OFF	1

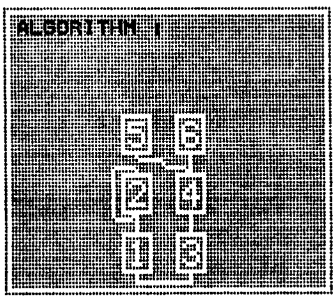
		< FREQ >				< ENVELOPE >								< KBD SCALE >						< S >		
OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	N	01.00	00	+1	52	30	25	43	98	99	98	00	00	-L	A-1	00	-L	2	0	1	99
2		N	01.00	00	+0	89	67	15	51	82	90	87	00	00	-L	A-1	00	-L	1	0	1	86
3	C	N	01.00	00	-1	50	27	35	41	95	94	94	00	80	+L	F 3	60	-L	2	0	5	99
4		N	01.00	00	+1	96	19	20	54	99	92	89	00	00	-L	A-1	00	-L	2	0	2	84
5		N	05.00	00	-2	53	67	38	54	86	92	84	00	00	-L	A-1	00	-L	2	0	2	75
6		N	12.00	00	+0	53	64	48	54	70	81	52	00	25	+L	E 4	00	-L	2	0	2	54

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	05	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF



< NAME >	
CELLOS	B

ALGO	15
MID C	C 2
F.B	7
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	33	10	36	00	OFF	1

		< FREQ >				< ENVELOPE >								< KBD SCALE >						< S >		
OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	N	01.00	00	+0	52	30	25	43	94	98	97	00	00	-L	A-1	00	-L	2	0	1	99
2		N	01.00	00	+0	89	67	15	51	82	90	87	00	00	-L	A-1	00	-L	1	0	1	86
3	C	N	01.00	00	+0	50	43	35	41	94	97	97	00	80	+L	F 3	60	-L	2	0	5	99
4		N	01.00	00	+0	96	19	20	54	99	92	89	00	00	-L	A-1	00	-L	2	0	2	75
5		N	05.00	00	+0	53	67	38	54	86	92	84	00	00	-L	A-1	00	-L	2	0	2	79
6		N	12.00	00	+0	53	64	44	54	70	81	64	00	25	+L	E 4	00	-L	2	0	2	58

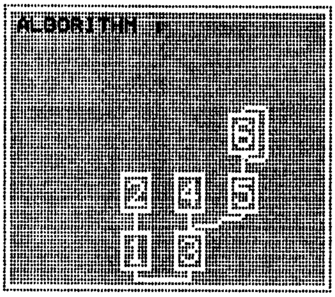
POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	05	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

11. AFRICAN MALLET



< NAME >
A.MALLET A

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

ALGO	07
MID C	C 3
F.B	7
SYNC	ON

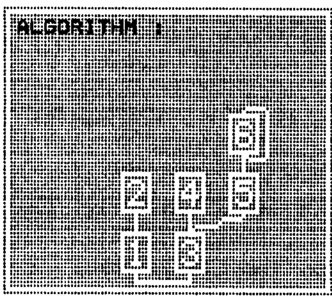
< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	21	00	00	00	ON	2

OP		< FREQ > M	FC	FF	D	< ENVELOPE > R1	R2	R3	R4	L1	L2	L3	L4	< KBD SCALE > LD	LC	BP	RD	RC	R	< S > M	V	TL
1	C	N	01.01	01	+0	99	21	32	46	99	80	00	00	00	-L	A-1	00	-L	3	0	4	99
2		N	05.00	00	+0	99	30	46	50	99	80	00	00	00	-L	D#4	46	-L	4	0	4	60
3	C	N	01.00	00	+0	99	29	50	46	99	80	00	00	00	-L	A-1	00	-L	3	0	5	99
4		N	07.00	00	+0	90	63	00	82	82	48	00	00	00	-L	A-1	00	-L	0	0	5	91
5		N	07.00	00	+0	99	64	00	08	82	48	00	00	00	-L	D#4	46	-L	0	0	2	97
6		N	07.49	07	+0	99	77	55	00	78	78	00	00	00	-L	A-1	00	-L	0	0	4	87

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	ON	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF



< NAME >
A.MALLET B

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

ALGO	07
MID C	C 3
F.B	7
SYNC	ON

< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	21	00	00	00	ON	2

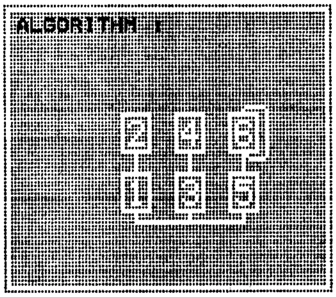
OP		< FREQ > M	FC	FF	D	< ENVELOPE > R1	R2	R3	R4	L1	L2	L3	L4	< KBD SCALE > LD	LC	BP	RD	RC	R	< S > M	V	TL
1	C	N	01.00	00	+0	99	25	32	45	99	80	00	00	00	-L	A-1	00	-L	3	0	3	99
2		N	05.00	00	-2	99	76	36	36	99	87	00	00	00	-L	D#4	01	-L	4	0	3	79
3	C	N	01.00	00	+0	99	25	27	46	99	80	00	00	00	-L	A-1	00	-L	3	0	5	99
4		N	07.00	00	+0	90	80	00	82	82	48	00	00	00	-L	A-1	00	-L	1	0	5	99
5		N	10.70	07	+0	99	58	00	08	82	48	00	00	00	-L	G#3	57	-L	1	0	5	99
6		F	1950.	29	+0	99	49	55	00	78	75	00	00	40	-L	D 3	27	-L	7	0	0	99

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	00	00

< MODULATION >	MOD	F.C	B.C	A.TCH
range	00	00	00	66
pitch	OFF	OFF	OFF	ON
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

12. ELECTRIC PIANO & BREATH CONTROL BRASS



< NAME >
E.P.& BR A

ALGO	05
MID C	C 2
F.B	7
SYNC	OFF

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	38	33	00	00	OFF	3

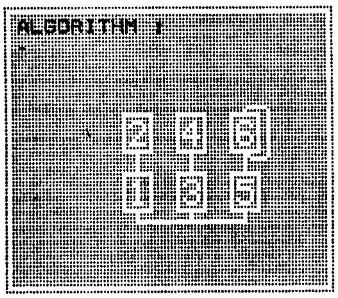
		< FREQ >				< ENVELOPE >								< KBD SCALE >						< S >		
OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	F	1.380	14	-7	96	23	25	65	99	75	00	00	00	-L	A-1	00	-L	3	0	3	95
2		N	01.01	01	-7	95	71	25	75	99	90	91	93	00	-L	A-1	00	-L	3	0	4	93
3	C	N	02.00	00	-7	95	60	34	70	99	80	00	00	00	-L	A-1	00	-L	3	0	7	98
4		N	13.00	00	+7	97	99	33	99	99	67	42	81	45	-L	D#3	00	-L	0	0	7	98
5	C	N	02.00	00	+0	72	78	20	57	99	99	99	00	00	-L	A-1	00	-L	0	3	0	99
6		N	02.00	00	+0	90	52	25	54	99	99	98	00	00	-L	A-1	00	-L	2	3	0	83

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	99	66
pitch	ON	OFF	OFF	ON
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	ON	OFF



< NAME >
E.P.& BR B

ALGO	05
MID C	C 2
F.B	7
SYNC	OFF

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	34	33	00	00	OFF	1

		< FREQ >				< ENVELOPE >								< KBD SCALE >						< S >		
OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	F	1.000	00	-7	96	23	25	71	99	75	00	00	00	-L	A-1	00	-L	3	0	2	95
2		N	01.00	00	-7	95	90	26	97	99	94	86	91	00	-L	A-1	00	-L	3	0	5	90
3	C	N	01.00	00	-7	95	48	25	60	99	94	00	00	36	-L	A 2	00	-L	3	0	4	94
4		N	11.00	00	-7	97	85	44	54	97	73	00	48	48	-L	G 3	00	-L	1	0	6	74
5	C	N	01.00	00	+0	86	99	99	57	99	99	99	00	00	-L	A-1	00	-L	3	3	0	99
6		N	01.00	00	+0	99	74	45	54	99	99	93	00	00	-L	A-1	00	-L	0	3	0	85

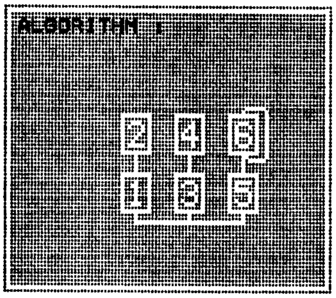
POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	99	66
pitch	ON	OFF	OFF	ON
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	ON	OFF

13. PIPE ORGAN



< NAME >	
PIPES	A

ALGO	05
MID C	C 3
F.B	5
SYNC	ON

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

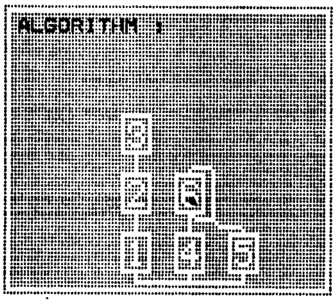
< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	36	00	00	00	OFF	3

		< FREQ >				< ENVELOPE >								< KBD SCALE >						< S >		
OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	N	00.50	00	+0	51	15	98	46	97	99	98	00	78	+L	G#0	14	-E	2	0	0	99
2		N	00.50	00	+0	99	80	98	46	97	99	98	00	00	-L	C 1	50	-E	4	0	0	94
3	C	N	01.00	00	-1	59	15	98	51	98	99	98	00	00	-L	A-1	00	-L	4	0	0	91
4		N	07.00	00	+0	59	15	98	77	98	99	98	00	00	-L	A-1	00	-L	4	0	5	62
5	C	N	04.00	00	-1	51	15	98	46	97	99	98	00	48	-L	C#3	06	-L	4	0	0	87
6		N	08.00	00	+2	63	15	98	46	98	99	98	00	00	-L	C 1	14	-E	4	0	5	81

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	05	00

< MODULATION >	MOD	F.C	B.C	A.TCH
range	00	00	00	00
pitch	OFF	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF



< NAME >	
PIPES	B

ALGO	19
MID C	C 2
F.B	7
SYNC	ON

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	34	33	00	00	OFF	2

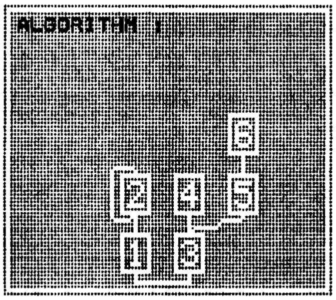
		< FREQ >				< ENVELOPE >								< KBD SCALE >						< S >		
OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	N	00.50	00	+0	45	25	25	36	99	99	98	00	63	+L	D 3	62	-L	5	0	0	99
2		N	00.50	00	+0	99	97	62	47	99	99	90	00	00	-L	A-1	00	-L	4	0	0	90
3		N	01.00	00	+0	99	97	62	47	99	99	90	00	17	+L	G 3	40	-L	5	0	0	73
4	C	N	04.00	00	+0	61	25	25	50	99	99	97	00	10	-L	A 4	10	-L	3	0	0	88
5	C	N	02.00	00	+0	61	25	25	61	99	99	93	00	00	-L	A-1	00	-L	3	0	0	97
6		N	10.00	00	+0	72	25	25	70	99	99	99	00	16	-L	G 3	52	-L	3	0	7	78

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	05	00

< MODULATION >	MOD	F.C	B.C	A.TCH
range	00	00	00	00
pitch	OFF	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

14. SYN-RISE



< NAME >
SYN-RISE A

ALGO	09
MID C	C 3
F.B	6
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	40	99	99	18	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	35	00	00	00	ON	0

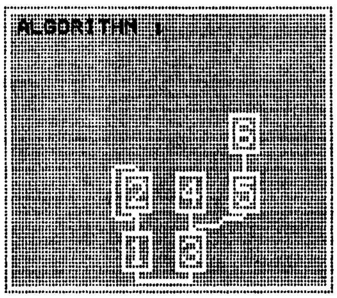
		< FREQ >				< ENVELOPE >								< KBD SCALE >						< S >		
OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	N	02.00	00	+7	50	99	99	30	99	99	99	00	00	-L	A-1	00	-L	0	0	0	99
2		N	00.50	00	+7	99	99	99	25	99	99	99	00	30	-L	C#3	07	-L	0	0	0	93
3	C	N	02.00	00	-3	50	99	99	30	99	99	99	00	00	-L	A-1	00	-L	0	0	0	99
4		N	00.50	00	-2	99	99	99	25	99	99	99	00	00	-L	A-1	00	-L	0	0	0	99
5		N	00.50	00	+1	99	99	99	25	99	99	99	00	00	-L	A-1	00	-L	0	0	0	99
6		N	00.50	00	+0	99	99	99	25	99	99	99	00	10	-L	C#3	10	-L	0	0	0	80

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	12	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	ON	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF



< NAME >
SYN-RISE B

ALGO	09
MID C	C 3
F.B	6
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	35	00	00	00	ON	0

		< FREQ >				< ENVELOPE >								< KBD SCALE >						< S >		
OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	N	02.00	00	+7	50	99	99	30	99	99	99	00	00	-L	A-1	00	-L	0	0	0	99
2		N	00.50	00	+7	99	99	99	25	99	99	99	00	30	-L	C#3	07	-L	0	0	0	93
3	C	N	02.00	00	-3	50	99	99	30	99	99	99	00	00	-L	A-1	00	-L	0	0	0	99
4		N	00.50	00	-2	99	99	99	25	99	99	99	00	00	-L	A-1	00	-L	0	0	0	99
5		N	00.50	00	+1	99	99	99	25	99	99	99	00	00	-L	A-1	00	-L	0	0	0	99
6		N	00.50	00	+0	99	99	99	25	99	99	99	00	10	-L	C#3	03	-L	0	0	0	80

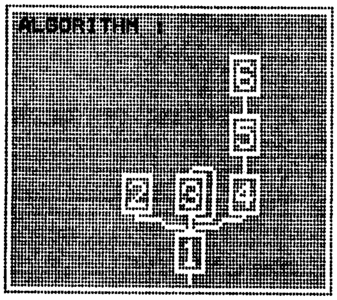
POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	12	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	ON	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

15. CLAV.



< NAME >
CLAV. A

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

ALGO	18
MID C	C 3
F.B	3
SYNC	ON

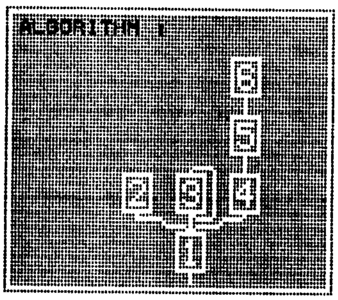
< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	30	00	00	00	OFF	2

OP		< FREQ > M	FC	FF	D	< ENVELOPE > R1	R2	R3	R4	L1	L2	L3	L4	< KBD SCALE > LD	LC	BP	RD	RC	R	< S > M	V	TL
1	C	N	01.00	00	+1	95	92	28	60	99	90	00	00	00	-L	A-1	00	-L	3	0	7	99
2		N	00.50	00	-1	95	95	00	00	99	96	89	00	00	-L	A-1	00	-L	3	0	5	82
3		N	04.50	50	+0	98	87	00	00	87	86	00	00	00	-L	F 2	21	-L	3	0	7	85
4		N	03.00	00	+0	95	92	28	60	99	90	00	00	00	-L	A-1	00	-L	3	0	3	81
5		N	04.00	00	-2	95	95	54	00	99	96	89	00	00	-L	A-1	00	-L	3	0	4	74
6		N	12.00	00	+0	98	87	00	00	87	86	00	00	00	-L	F 2	21	-L	3	0	2	82

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	ON	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF



< NAME >
CLAV. B

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

ALGO	18
MID C	C 3
F.B	3
SYNC	ON

< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	30	00	00	00	OFF	2

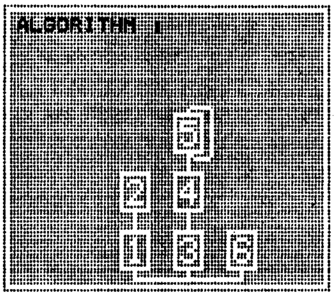
OP		< FREQ > M	FC	FF	D	< ENVELOPE > R1	R2	R3	R4	L1	L2	L3	L4	< KBD SCALE > LD	LC	BP	RD	RC	R	< S > M	V	TL
1	C	N	02.00	00	-3	95	92	28	60	99	90	00	00	00	-L	A-1	00	-L	3	0	7	99
2		N	00.50	00	-1	95	95	00	00	99	96	89	00	00	-L	A-1	00	-L	3	0	5	82
3		N	10.50	50	+0	98	87	00	00	87	86	00	00	00	-L	F 2	21	-L	3	0	7	85
4		N	03.00	00	+0	95	92	28	60	99	90	00	00	00	-L	A-1	00	-L	3	0	3	81
5		N	04.00	00	-2	95	95	54	00	99	96	89	00	00	-L	A-1	00	-L	3	0	4	74
6		N	20.00	00	+0	98	87	00	00	87	86	00	00	00	-L	F 2	21	-L	3	0	2	82

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	ON	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

16. TINE ELECTRIC PIANO & STRINGS



< NAME >	
TINE E.PNO	
ALGO	28
MID C	C 3
F.B	6
SYNC	OFF

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

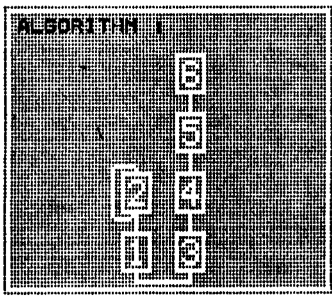
< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	35	00	00	00	ON	0

OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
		< FREQ >				< ENVELOPE >								< KBD SCALE >						< S >		
1	C	F	1.023	01	+0	97	50	17	67	99	98	00	00	00	-L	A-1	00	-L	2	0	1	99
2		N	01.00	00	-1	99	68	17	90	99	90	00	99	00	-L	C 3	08	-L	2	0	2	89
3	C	F	1.622	21	+0	97	50	17	61	99	98	00	00	00	-L	A-1	00	-L	2	0	1	99
4		N	01.00	00	+2	99	68	17	57	99	90	00	00	00	-L	G 3	44	-L	0	0	2	90
5		F	4677.	67	+0	99	78	36	89	99	62	00	99	12	-L	C 3	56	+L	0	0	6	57
6	C	N	08.95	79	+0	92	86	99	99	99	00	00	00	00	-L	D#3	00	-L	2	0	2	99

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF



< NAME >	
STRING PAD	
ALGO	02
MID C	G#1
F.B	7
SYNC	ON

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
94	67	95	60	50	50	50	50

< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	38	33	17	00	OFF	1

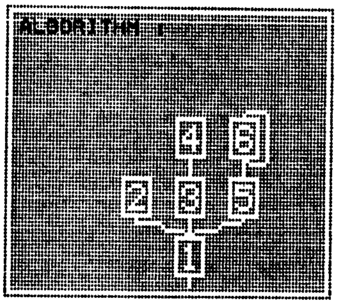
OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
		< FREQ >				< ENVELOPE >								< KBD SCALE >						< S >		
1	C	F	1.000	00	-7	46	33	20	35	99	92	84	00	00	-L	A-1	00	-L	2	3	1	99
2		N	02.50	25	-6	99	46	00	28	99	93	87	00	00	-L	D#4	00	-L	1	0	1	84
3	C	F	1.000	00	-7	46	33	20	35	99	92	84	00	00	-L	A-1	00	-L	2	3	0	99
4		N	02.50	25	+7	99	46	00	28	99	93	87	00	00	-L	D#4	00	-L	7	0	1	84
5		N	02.50	25	+0	99	46	00	28	99	93	87	00	00	-L	D#4	00	-L	1	0	0	77
6		N	05.00	00	-1	99	46	00	28	99	93	87	00	00	-L	D#4	00	-L	1	0	0	71

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	05	00

< MODULATION >	MOD	F.C	B.C	A.TCH
range	53	99	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	ON	OFF	OFF

17. BREATH CONTROL FLUTE & STRING BELLS



< NAME >
BC FLUTE

ALGO	16
MID C	C 3
F.B	5
SYNC	ON

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
94	67	95	60	50	50	50	50

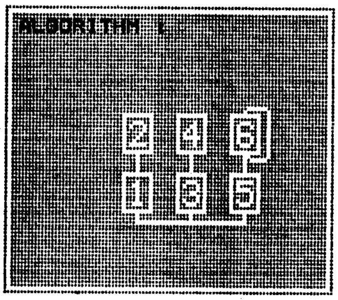
< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	35	23	02	13	OFF	1

OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
		< FREQ >				< ENVELOPE >								< KBD SCALE >						< S >		
1	C	N	01.00	00	+0	66	72	75	61	93	89	98	00	00	-L	D 3	00	-L	0	3	1	92
2		N	01.00	00	+2	99	97	62	54	99	99	90	00	00	-L	A-1	00	-L	4	0	0	69
3		N	01.00	00	+4	53	38	75	61	88	44	24	00	00	+L	G 3	00	-L	0	0	1	68
4		N	01.53	53	+0	61	25	25	60	99	99	97	00	10	-L	A 4	10	-L	3	0	0	47
5		N	02.00	00	+0	65	38	00	61	99	00	00	00	00	-L	D 4	43	-L	0	0	0	54
6		N	01.53	53	+1	99	64	98	61	99	67	52	00	00	-L	G 3	00	+L	0	0	1	84

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >	MOD	F.C	B.C	A.TCH
range	53	00	99	00
pitch	ON	OFF	OFF	ON
amp	ON	OFF	OFF	OFF
EG-bias	OFF	OFF	ON	OFF



< NAME >
STRINGBELL

ALGO	05
MID C	C 3
F.B	7
SYNC	ON

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	34	40	43	00	OFF	1

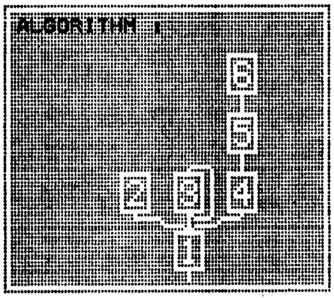
OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
		< FREQ >				< ENVELOPE >								< KBD SCALE >						< S >		
1	C	N	01.00	00	+0	37	42	17	34	99	99	74	00	99	+L	C 8	00	-E	3	3	0	99
2		N	03.00	00	+7	99	00	00	00	99	99	99	00	32	+L	C 3	00	-E	7	0	0	71
3	C	N	02.00	00	+0	99	99	36	35	99	99	00	00	00	-L	F#3	99	+L	3	3	0	99
4		N	14.56	12	+0	99	72	31	17	00	70	00	00	99	+L	A 3	99	+L	7	0	0	99
5	C	N	01.00	00	+7	37	42	16	34	99	99	80	00	00	-L	C 1	00	-E	4	3	0	99
6		N	01.00	00	-7	99	00	00	00	99	99	99	00	00	-L	C 1	00	-E	7	0	0	77

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >	MOD	F.C	B.C	A.TCH
range	53	99	00	00
pitch	ON	OFF	OFF	ON
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	ON	OFF	OFF

18. HORNS



< NAME >
HORN SEC.A

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
94	67	95	99	53	49	50	50

ALGO	18
MID C	C 2
F.B	7
SYNC	ON

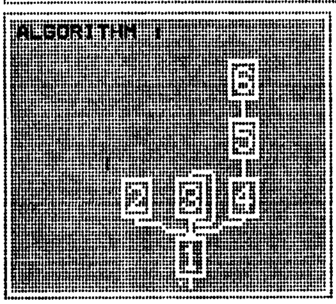
< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	31	00	00	00	OFF	1

		< FREQ >				< ENVELOPE >								< KBD SCALE >						< S >		
OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	N	01.00	00	+0	57	24	19	60	99	86	86	00	00	-L	A-1	00	-L	2	0	2	99
2		N	01.00	00	+0	37	34	15	64	85	00	00	00	00	-L	A-1	00	-L	2	0	2	67
3		N	01.00	00	+0	46	35	22	56	99	86	86	00	00	-L	A-1	00	-L	1	0	3	79
4		N	01.00	00	+0	66	92	22	50	53	61	62	00	00	-L	A-1	00	-L	0	0	1	79
5		N	03.18	06	-1	48	55	22	50	98	61	62	00	00	-L	A-1	00	-L	0	0	1	70
6		N	08.47	21	+0	77	56	20	70	99	00	00	00	00	-L	A-1	00	-L	7	0	1	79

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	ON
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF



< NAME >
HORN SEC.B

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
94	67	99	99	45	50	50	50

ALGO	18
MID C	C 2
F.B	7
SYNC	ON

< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	35	00	00	00	OFF	1

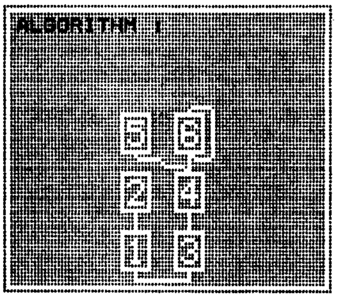
		< FREQ >				< ENVELOPE >								< KBD SCALE >						< S >		
OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	N	01.00	00	+7	57	24	19	60	99	86	86	00	00	-L	A-1	00	-L	2	0	2	99
2		N	01.00	00	+7	37	34	15	64	85	00	00	00	00	-L	A-1	00	-L	2	0	1	67
3		N	01.00	00	+7	46	35	22	56	99	86	86	00	00	-L	A-1	00	-L	1	0	2	79
4		N	01.00	00	+7	66	92	22	50	53	61	62	00	00	-L	A-1	00	-L	0	0	1	79
5		N	03.18	06	+7	48	55	22	50	98	61	62	00	00	-L	A-1	00	-L	0	0	1	70
6		N	08.47	21	+7	77	56	20	70	99	00	00	00	00	-L	A-1	00	-L	7	0	1	79

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >	MOD	F.C	B.C	A.TCH
range	56	00	00	00
pitch	ON	OFF	OFF	ON
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

19. DOUBLE HARP



< NAME >	
DBL.HARP A	
ALGO	14
MID C	C 3
F.B	7
SYNC	ON

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

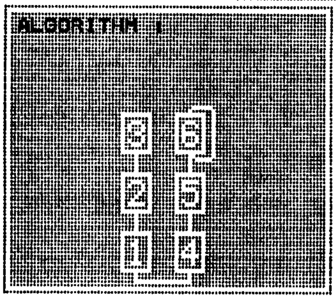
< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	27	41	01	00	OFF	3

OP		< FREQ > M	FC	FF	D	< ENVELOPE > R1	R2	R3	R4	L1	L2	L3	L4	< KBD SCALE > LD	LC	BP	RD	RC	R	< S > M	V	TL
1	C	N	01.00	00	+0	35	99	33	38	69	99	00	00	00	-L	A-1	00	-L	4	0	2	92
2		N	04.00	00	+0	99	60	39	30	99	99	00	00	00	-L	C#3	28	-L	2	0	3	82
3	C	N	01.00	00	+5	83	34	00	37	99	00	00	00	00	-L	C 1	28	-E	1	0	6	99
4		N	02.00	00	+0	99	34	26	39	99	00	00	00	14	-E	A 6	99	-L	2	0	5	82
5		N	05.00	00	+0	99	56	26	42	99	00	00	00	00	-L	C 1	56	-E	0	0	5	83
6		N	06.00	00	+1	96	89	26	46	99	00	00	00	00	-L	A-1	00	-L	0	0	4	84

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	05	00

< MODULATION >	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF



< NAME >	
DBL.HARP B	
ALGO	03
MID C	C 3
F.B	6
SYNC	ON

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	34	33	00	00	ON	1

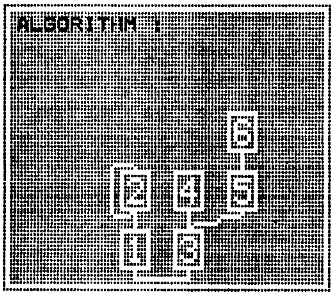
OP		< FREQ > M	FC	FF	D	< ENVELOPE > R1	R2	R3	R4	L1	L2	L3	L4	< KBD SCALE > LD	LC	BP	RD	RC	R	< S > M	V	TL
1	C	N	01.00	00	+5	32	95	29	37	65	99	00	00	00	-L	A-1	00	-L	5	0	5	99
2		N	02.00	00	-2	95	46	32	12	99	99	00	00	08	+L	C#4	00	-L	3	0	3	76
3		N	02.00	00	-6	95	50	45	10	99	99	00	00	00	-L	G 4	37	-L	3	0	0	91
4	C	N	01.00	00	-4	74	99	23	39	81	99	00	00	00	-L	A-1	00	-L	3	0	5	99
5		N	03.00	00	+4	95	35	23	28	99	70	00	00	00	-L	C#4	35	-L	4	0	4	79
6		N	03.00	00	+1	95	48	28	24	94	79	00	00	54	-E	A 4	00	-L	7	0	3	89

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	05	00

< MODULATION >	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

20. ELECTRIC GUITAR



< NAME >
E.GUITAR A

ALGO	09
MID C	C 2
F.B	6
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	45	00	00	00	ON	2

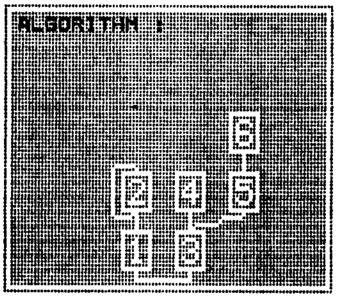
OP		< FREQ > M	FC	FF	D	< ENVELOPE > R1	R2	R3	R4	L1	L2	L3	L4	< KBD SCALE > LD	LC	BP	RD	RC	R	< S > M	V	TL
1	C	N	03.00	00	-3	88	60	24	48	99	87	00	00	00	-L	A-1	00	-L	5	0	0	99
2		N	01.00	00	+0	66	75	19	53	99	86	53	63	00	-L	D#3	15	-L	3	0	5	99
3	C	N	01.00	00	+0	88	82	18	67	99	92	00	00	00	-L	A-1	00	-L	4	0	3	99
4		F	4365.	64	-2	85	56	62	40	99	46	00	00	00	-L	B 2	07	-L	6	0	1	85
5		N	03.00	00	+0	66	80	14	67	99	92	00	54	00	-L	A-1	00	-L	5	0	5	94
6		N	09.00	00	+0	88	34	14	67	99	80	00	99	00	-L	G#2	35	-L	5	0	3	82

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	59	00	00	00
pitch	ON	OFF	OFF	OFF
amp	ON	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF



< NAME >
E.GUITAR B

ALGO	09
MID C	C 2
F.B	6
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	45	00	00	00	ON	2

OP		< FREQ > M	FC	FF	D	< ENVELOPE > R1	R2	R3	R4	L1	L2	L3	L4	< KBD SCALE > LD	LC	BP	RD	RC	R	< S > M	V	TL
1	C	N	03.00	00	-3	88	60	24	48	99	87	00	00	00	-L	A-1	00	-L	5	0	0	99
2		N	01.00	00	+0	66	75	19	53	99	86	53	63	00	-L	D#3	15	-L	3	0	5	99
3	C	N	01.00	00	+0	88	82	18	67	99	92	00	00	00	-L	A-1	00	-L	4	0	3	99
4		F	4365.	64	-2	85	56	62	40	99	46	00	00	00	-L	B 2	07	-L	6	0	1	85
5		N	03.00	00	+0	66	80	14	67	99	92	00	54	00	-L	A-1	00	-L	5	0	5	94
6		N	09.00	00	+0	88	34	14	67	99	80	00	99	00	-L	G#2	35	-L	5	0	3	82

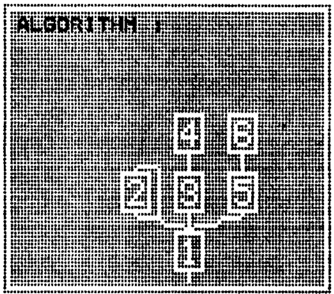
POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	59	00	00	00
pitch	ON	OFF	OFF	OFF
amp	ON	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

21. ELECTRIC BASS



< NAME >
E.BASS A

ALGO	17
MID C	C 3
F.B	7
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	35	00	00	00	ON	3

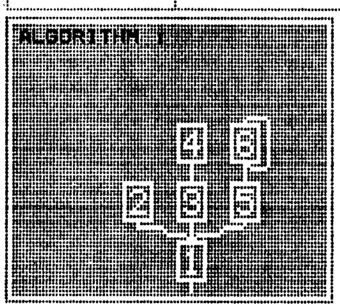
OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
			< FREQ >			< ENVELOPE >								< KBD SCALE >						< S >		
1	C	N	01.00	00	+2	99	64	33	71	99	86	00	00	00	-L	A-1	00	-L	0	0	2	99
2		N	03.00	00	+5	59	99	22	71	99	86	00	00	00	-L	A-1	00	-L	5	0	5	69
3		N	00.50	00	+0	59	99	99	71	99	99	99	00	00	-L	A-1	00	-L	5	0	0	75
4		N	09.00	00	-1	59	99	41	71	99	99	00	00	00	-L	A-1	00	-L	5	0	7	63
5		N	09.00	00	+0	99	99	38	99	99	99	00	00	00	-L	A-1	00	-L	5	0	7	70
6		N	06.00	00	+0	99	99	62	99	99	99	00	00	00	-L	A-1	00	-L	4	0	5	99

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF



< NAME >
E.BASS B

ALGO	16
MID C	C 3
F.B	7
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
94	67	95	60	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	35	00	00	00	OFF	3

OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
			< FREQ >			< ENVELOPE >								< KBD SCALE >						< S >		
1	C	N	00.50	00	+0	95	62	17	58	99	95	32	00	57	+L	A 2	14	-L	7	0	0	99
2		N	00.50	00	+0	99	20	00	00	99	00	00	00	00	-L	D 3	00	-L	7	0	0	80
3		N	00.50	00	+0	88	96	32	30	79	65	00	00	00	-L	A-1	00	-L	6	0	3	99
4		N	05.00	00	+0	90	42	07	55	90	30	00	00	00	-L	A-1	00	-L	5	0	5	93
5		N	00.50	00	+0	99	00	00	00	99	00	00	00	75	-L	C#4	00	-L	7	0	3	62
6		N	09.00	00	+0	94	56	24	55	93	28	00	00	00	-L	A-1	00	-L	1	0	7	85

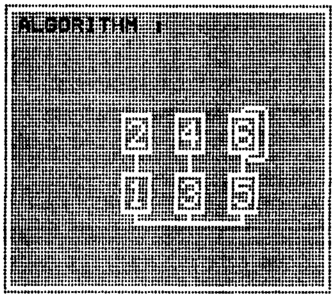
POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

22. HARPSICHORD



< NAME >
HARPSI. A

ALGO	05
MID C	C 3
F.B	1
SYNC	ON

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

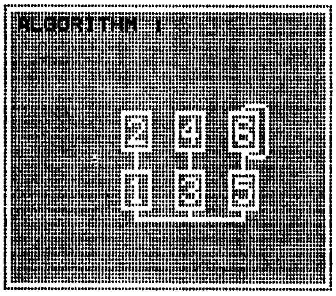
< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	35	00	00	00	OFF	2

		< FREQ >				< ENVELOPE >								< KBD SCALE >						< S >		
OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	N	04.00	00	-2	95	28	27	47	99	90	00	00	00	-L	A-1	00	-L	3	0	2	89
2		N	00.50	00	+0	95	72	71	99	99	97	91	98	00	-L	A-1	00	-L	1	0	0	99
3	C	N	01.00	00	+4	95	28	27	47	99	90	00	00	00	-L	A-1	00	-L	3	0	2	85
4		N	03.00	00	+0	95	72	71	99	99	97	91	98	00	-L	C#5	46	-L	1	0	0	99
5	C	N	04.00	00	+3	95	28	27	47	99	90	00	00	00	-L	A-1	00	-L	3	0	3	83
6		N	06.00	00	+0	95	72	71	99	99	97	91	98	00	-L	C#5	55	-L	1	0	0	87

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	00	00

< MODULATION >	MOD	F.C	B.C	A.TCH
range	00	00	00	00
pitch	OFF	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF



< NAME >
HARPSI. B

ALGO	05
MID C	C 3
F.B	1
SYNC	ON

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	35	00	00	00	OFF	2

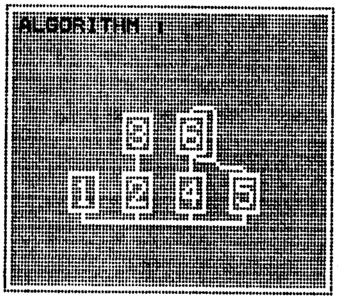
		< FREQ >				< ENVELOPE >								< KBD SCALE >						< S >		
OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	N	00.50	00	+0	95	28	23	50	99	90	00	00	00	-L	A-1	00	-L	3	0	4	87
2		N	01.50	50	+0	95	72	71	95	99	97	91	91	00	-L	A-1	00	-L	1	0	0	97
3	C	N	01.00	00	-1	95	28	27	47	99	90	00	00	00	-L	A-1	00	-L	4	0	5	83
4		N	03.00	00	+0	95	72	71	74	99	97	94	95	00	-L	C#5	46	-L	1	0	0	99
5	C	N	04.00	00	-1	95	28	27	47	99	90	00	00	00	-L	A-1	00	-L	5	0	3	91
6		N	06.00	00	+0	95	72	71	99	99	97	91	95	00	-L	B 3	55	-L	1	0	0	92

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	00	00

< MODULATION >	MOD	F.C	B.C	A.TCH
range	00	00	00	00
pitch	OFF	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

23. VIBRAPHONE



< NAME >
VIBES A

ALGO	23
MID C	C 3
F.B	5
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	26	00	00	00	ON	1

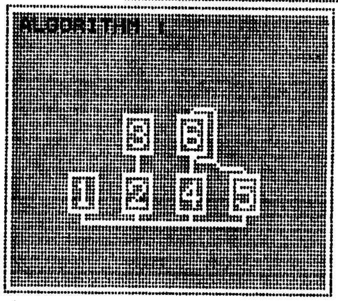
OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
		< FREQ >				< ENVELOPE >								< KBD SCALE >						< S >		
1	C	N	04.00	00	+0	99	28	99	50	99	25	00	00	12	-L	C 3	12	+L	2	0	7	70
2	C	N	01.00	00	+0	80	85	24	50	99	90	00	00	04	-L	C 3	12	+L	2	0	5	99
3		N	03.00	00	+0	80	85	43	50	99	74	00	00	12	-L	C 3	12	+L	4	0	4	78
4	C	N	01.00	00	+6	80	85	24	50	99	90	00	00	00	-L	A-1	00	-L	3	0	7	99
5	C	N	01.00	00	+7	80	85	24	50	99	90	00	00	00	-L	A-1	00	-L	3	0	5	99
6		N	14.00	00	+0	99	48	99	50	99	32	00	00	12	-L	C 3	12	+L	5	0	7	62

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	00	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF



< NAME >
VIBES B

ALGO	23
MID C	C 3
F.B	5
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	19	00	18	99	ON	1

OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
		< FREQ >				< ENVELOPE >								< KBD SCALE >						< S >		
1	C	N	04.00	00	+0	99	28	99	50	99	25	00	00	12	-L	C 3	12	+L	2	1	7	56
2	C	N	01.00	00	+0	80	85	24	50	99	90	00	00	04	-L	C 3	12	+L	2	1	5	99
3		N	03.00	00	+0	80	85	43	50	99	74	00	00	12	-L	C 3	12	+L	4	1	6	78
4	C	N	01.00	00	+6	80	85	24	50	99	90	00	00	00	-L	A-1	00	-L	3	1	5	99
5	C	N	01.00	00	+7	80	85	24	50	99	90	00	00	00	-L	A-1	00	-L	3	1	5	99
6		N	14.00	00	+0	99	48	99	50	99	32	00	00	12	-L	C 3	12	+L	5	1	7	62

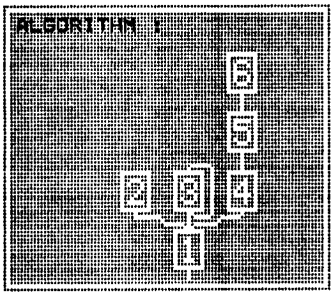
POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	00	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

24. BREATH CONTROL SAX & BRASS HORNS



< NAME >
SAX BC

ALGO	18
MID C	C 3
F.B	7
SYNC	OFF

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
94	67	95	60	50	50	50	50

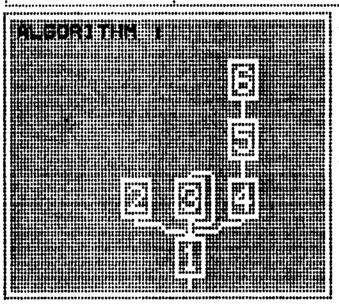
< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	34	33	00	00	OFF	1

		< FREQ >				< ENVELOPE >								< KBD SCALE >						< S >		
OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	N	01.00	00	-7	64	11	07	65	99	99	99	00	00	-L	A-1	00	-L	0	3	0	95
2		N	00.50	00	+0	95	00	25	54	99	99	99	00	00	-L	C 3	53	-L	3	1	0	75
3		N	00.50	00	+0	99	16	14	64	99	99	98	00	00	-L	A 2	00	-L	0	2	0	76
4		N	00.50	00	+0	98	14	07	64	99	99	99	00	00	-L	A-1	00	-L	0	2	0	70
5		N	05.80	16	+7	98	10	06	62	98	99	99	00	00	-L	A-1	00	-L	0	3	0	52
6		N	00.50	00	+0	90	52	25	54	99	99	99	00	00	-L	E 0	00	-L	2	0	7	99

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >	MOD	F.C	B.C	A.TCH
range	53	00	99	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	ON	OFF



< NAME >
BRASSHORNS

ALGO	18
MID C	C 2
F.B	7
SYNC	ON

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
94	67	95	60	53	50	50	50

< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	35	00	05	00	OFF	1

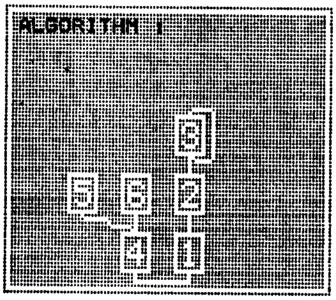
		< FREQ >				< ENVELOPE >								< KBD SCALE >						< S >		
OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	N	01.00	00	-7	57	24	19	60	99	86	86	00	00	-L	A-1	00	-L	2	3	2	99
2		N	01.00	00	+7	37	34	15	64	85	00	00	00	00	-L	A-1	00	-L	2	0	2	67
3		N	01.00	00	+7	49	35	22	56	99	86	86	00	00	-L	A-1	00	-L	1	0	3	82
4		N	01.00	00	-7	66	92	22	50	53	61	62	00	00	-L	A-1	00	-L	0	0	1	79
5		N	03.18	06	-1	48	55	22	50	98	61	62	00	00	-L	A-1	00	-L	0	0	1	70
6		N	08.47	21	+0	77	56	20	70	99	00	00	00	00	-L	A-1	00	-L	7	0	1	79

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >	MOD	F.C	B.C	A.TCH
range	53	99	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	ON	OFF	OFF

25. FM PIANO



< NAME >
FM PIANO A

ALGO	10
MID C	C 3
F.B	6
SYNC	OFF

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	99	00	00	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	99	00	00	00	OFF	0

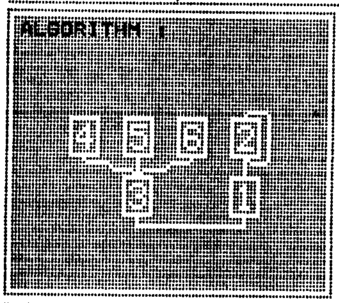
OP		< FREQ > M	FC	FF	D	< ENVELOPE > R1	R2	R3	R4	L1	L2	L3	L4	< KBD SCALE > LD	LC	BP	RD	RC	R	< S > M	V	TL
1	C	N	00.50	00	+0	80	32	18	45	99	95	00	00	00	-L	A-1	00	-L	4	0	2	99
2		N	00.50	00	-7	99	39	21	65	99	85	00	99	05	+L	D 3	04	-L	0	0	2	88
3		N	08.00	00	+2	95	17	17	53	99	95	00	93	99	+E	B 2	68	-E	0	0	7	67
4	C	N	00.50	00	+5	95	47	21	45	99	97	00	00	00	-L	A-1	00	-E	4	0	1	99
5		N	00.50	00	+4	95	33	18	36	99	95	00	82	36	+L	C 3	09	-L	0	0	2	79
6		N	03.00	00	+7	99	49	17	22	99	95	00	99	12	+L	D#3	10	-L	0	0	2	71

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	05	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	00	00	00	00
pitch	OFF	ON	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF



< NAME >
FM PIANO B

ALGO	12
MID C	C 2
F.B	6
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	60	50	51	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	35	00	00	00	OFF	0

OP		< FREQ > M	FC	FF	D	< ENVELOPE > R1	R2	R3	R4	L1	L2	L3	L4	< KBD SCALE > LD	LC	BP	RD	RC	R	< S > M	V	TL
1	C	N	01.00	00	-6	73	33	15	49	99	00	00	00	99	+L	C 3	00	-L	7	0	2	99
2		N	14.40	20	+4	99	85	35	67	99	75	30	00	08	+L	F 2	04	-L	0	0	5	99
3	C	N	01.00	00	-1	75	22	08	45	99	91	00	00	00	+L	B 3	00	-L	7	0	2	99
4		N	01.00	00	+5	75	99	06	46	99	88	00	00	00	+L	D 1	08	-L	3	0	2	89
5		N	05.00	00	+7	75	21	23	72	99	88	00	99	00	+L	F#2	26	-L	5	0	4	81
6		N	21.63	03	+7	75	20	10	99	99	88	00	99	00	+L	C 1	10	-L	7	0	5	46

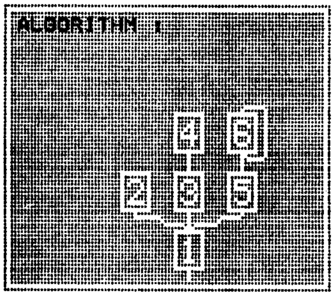
POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	05	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	00	00	00	00
pitch	OFF	ON	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

26. MODULATION WHEEL TIMPANI & ORCHESTRA



< NAME >
TIMPANI MW

ALGO	16
MID C	C 3
F.B	7
SYNC	ON

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
98	98	75	60	50	51	50	50

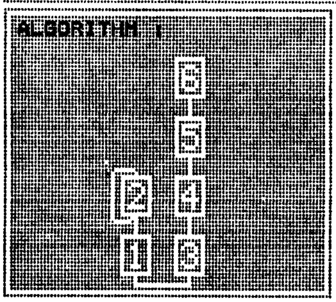
< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	11	00	16	00	OFF	2

OP		M	< FREQ > FC	FF	D	< ENVELOPE > R1	R2	R3	R4	L1	L2	L3	L4	< KBD SCALE > LD	LC	BP	RD	RC	R	< S > M	V	TL
1	C	N	00.50	00	+0	91	36	98	33	99	00	00	00	00	-L	A-1	00	-L	3	3	7	99
2		N	00.50	00	+3	99	76	26	23	99	72	99	00	00	-L	D 3	00	-E	4	0	1	80
3		N	00.68	36	-3	99	77	26	23	99	72	00	00	00	-L	A-1	00	-E	3	0	0	85
4		N	00.87	75	+0	65	31	17	30	99	75	00	00	00	+L	D 3	15	-L	3	0	6	87
5		N	00.50	00	+0	99	50	26	19	99	00	00	00	00	+L	F 6	00	-E	0	0	1	73
6		N	00.78	56	+0	98	02	26	27	98	00	00	00	00	-L	D 3	24	-L	4	0	1	73

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	03	00

< MODULATION >	MOD	F.C	B.C	A.TCH
range	99	00	00	00
pitch	OFF	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	ON	OFF	OFF	OFF



< NAME >
ORCHESTRA

ALGO	02
MID C	C 2
F.B	7
SYNC	ON

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	30	63	06	00	OFF	3

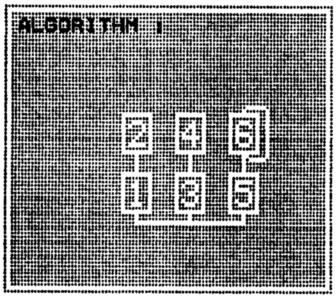
OP		M	< FREQ > FC	FF	D	< ENVELOPE > R1	R2	R3	R4	L1	L2	L3	L4	< KBD SCALE > LD	LC	BP	RD	RC	R	< S > M	V	TL
1	C	N	01.00	00	+0	80	56	10	45	98	98	36	00	00	-L	A-1	00	-L	0	0	3	99
2		N	01.00	00	-6	53	46	32	61	99	93	90	00	00	-L	A-1	00	-L	0	0	0	83
3	C	N	02.00	00	+6	54	15	10	47	99	92	00	00	00	-L	A-1	00	-L	0	0	0	96
4		N	02.00	00	+0	56	74	10	45	98	98	36	00	00	-L	A-1	00	-L	0	0	0	72
5		N	02.00	00	+0	76	73	10	55	99	92	00	00	00	-L	A-1	00	-L	0	0	0	80
6		N	02.00	00	+0	72	76	10	32	99	92	00	00	00	-L	A-1	00	-L	0	0	0	82

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	07	00

< MODULATION >	MOD	F.C	B.C	A.TCH
range	00	00	00	00
pitch	OFF	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

27. TIME WARP & BELL VOICE



< NAME >
TIMEWARP

ALGO	05
MID C	C 3
F.B	3
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	28	99	99	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	02	00	14	00	ON	3

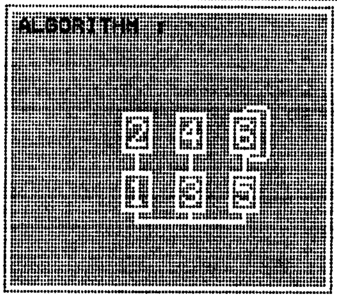
OP		< FREQ > M	FC	FF	D	< ENVELOPE > R1	R2	R3	R4	L1	L2	L3	L4	< KBD SCALE > LD	LC	BP	RD	RC	R	< S > M	V	TL
1	C	N	00.50	00	+0	99	99	99	99	99	99	99	00	00	-L	A-1	00	-L	0	3	0	99
2		F	239.9	38	+7	99	99	99	99	99	99	99	00	00	-L	A-1	00	-L	0	0	0	80
3	C	N	00.50	00	-7	99	99	99	99	99	99	99	00	00	-L	A-1	00	-L	0	3	0	99
4		F	239.9	38	-4	99	99	99	99	99	99	99	00	00	-L	A-1	00	-L	0	0	0	80
5	C	N	00.50	00	+7	99	99	99	99	99	99	99	00	00	-L	A-1	00	-L	0	3	0	99
6		F	234.4	37	+7	99	99	99	99	99	99	99	00	00	-L	A-1	00	-L	0	0	0	80

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	07	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	99	00	00	00
pitch	OFF	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	ON	OFF	OFF	OFF



< NAME >
BELL VOICE

ALGO	05
MID C	C 3
F.B	0
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
00	00	00	00	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	31	00	17	00	OFF	3

OP		< FREQ > M	FC	FF	D	< ENVELOPE > R1	R2	R3	R4	L1	L2	L3	L4	< KBD SCALE > LD	LC	BP	RD	RC	R	< S > M	V	TL
1	C	N	02.00	00	+7	28	45	27	37	99	99	00	00	99	-L	C 3	00	-L	2	0	4	99
2		F	6.026	78	-7	75	00	00	33	99	99	00	00	21	-L	F 2	13	-L	3	0	2	99
3	C	N	02.00	00	-7	99	62	42	32	99	99	00	00	00	+L	F 2	00	-L	2	0	5	99
4		F	6761.	83	+7	99	96	65	43	99	95	00	00	00	-L	F 2	18	-L	3	0	4	99
5	C	N	02.00	00	-6	28	00	00	33	99	95	00	00	99	-L	B 2	00	-L	4	0	4	97
6		F	4.365	64	+7	32	00	10	21	99	99	00	00	27	-L	G 3	00	-L	5	0	5	99

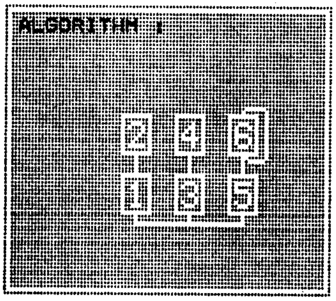
POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	07	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

28. TUBERISE



< NAME >
TUBERISE A

ALGO	05
MID C	C 3
F.B	4
SYNC	OFF

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
67	95	95	60	50	50	50	50

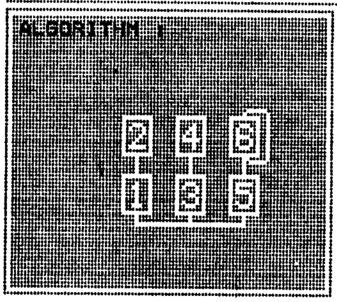
< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SAW-	35	00	00	00	OFF	6

OP		< FREQ > M	FC	FF	D	< ENVELOPE > R1	R2	R3	R4	L1	L2	L3	L4	< KBD SCALE > LD	LC	BP	RD	RC	R	< S > M	V	TL
1	C	N	01.00	00	+2	95	33	71	25	99	00	32	00	00	-L	A-1	00	-L	2	0	0	95
2		N	03.50	75	+3	98	12	71	28	99	00	32	00	00	-L	A-1	00	-L	2	0	0	78
3	C	N	01.00	00	-5	95	33	71	25	99	00	32	00	00	-L	A-1	00	-L	2	0	0	99
4		N	03.50	75	-2	98	12	71	28	99	00	32	00	00	-L	A-1	00	-L	2	0	0	75
5	C	N	00.50	00	+0	69	11	71	28	99	00	32	00	00	-L	A-1	00	-L	0	0	0	99
6		N	00.50	00	+0	19	12	71	28	99	00	32	00	00	-L	A-1	00	-L	0	0	0	98

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	07	00

< MODULATION >	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF



< NAME >
TUBERISE B

ALGO	05
MID C	C 3
F.B	4
SYNC	OFF

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
67	95	95	60	50	50	50	50

< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SAW-	35	00	00	00	OFF	6

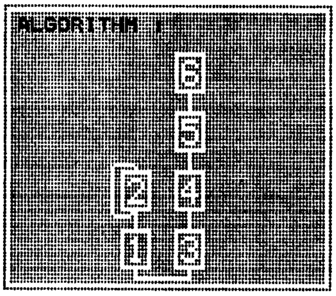
OP		< FREQ > M	FC	FF	D	< ENVELOPE > R1	R2	R3	R4	L1	L2	L3	L4	< KBD SCALE > LD	LC	BP	RD	RC	R	< S > M	V	TL
1	C	N	01.00	00	+2	95	33	71	25	99	00	32	00	00	-L	A-1	00	-L	2	0	0	95
2		N	03.50	75	+3	98	12	71	28	99	00	32	00	00	-L	A-1	00	-L	2	0	0	78
3	C	N	01.00	00	-5	95	33	71	25	99	00	32	00	00	-L	A-1	00	-L	2	0	0	99
4		N	03.50	75	-2	98	12	71	28	99	00	32	00	00	-L	A-1	00	-L	2	0	0	75
5	C	N	00.50	00	+0	69	11	71	28	99	00	32	00	00	-L	A-1	00	-L	0	0	0	99
6		N	00.50	00	+0	19	12	71	28	99	00	32	00	00	-L	A-1	00	-L	0	0	0	98

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	07	00

< MODULATION >	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

29. VIOLIN ENSEMBLE



< NAME >
VIOLINS A

ALGO	02
MID C	C 2
F.B	7
SYNC	OFF

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
87	94	00	00	48	51	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	35	00	11	00	ON	1

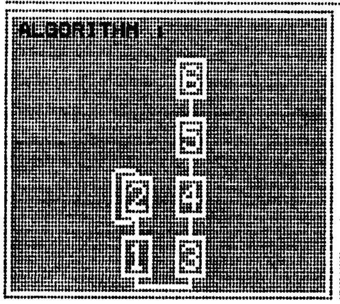
OP		< FREQ > M	FC	FF	D	< ENVELOPE > R1	R2	R3	R4	L1	L2	L3	L4	< KBD SCALE > LD	LC	BP	RD	RC	R	< S > M	V	TL
1	C	F	1.259	10	-1	41	25	22	45	99	97	86	00	00	-L	A-1	00	-L	4	0	2	99
2		N	02.00	00	-7	99	00	00	30	99	98	97	00	01	+L	C 3	06	-L	1	0	0	76
3	C	N	02.00	00	-1	53	18	17	56	99	95	92	00	00	-L	A-1	00	-L	2	0	7	99
4		N	02.00	00	+0	61	30	00	35	99	98	90	00	04	+L	G 3	13	-L	3	0	0	87
5		N	08.00	00	+3	99	49	55	46	99	90	80	00	00	-L	B 2	22	-L	2	0	2	77
6		F	2042.	31	+5	99	42	50	59	99	99	99	00	00	+L	F#2	45	-L	0	0	0	44

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	07	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF



< NAME >
VIOLINS B

ALGO	02
MID C	C 2
F.B	7
SYNC	OFF

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
87	94	00	00	47	51	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	35	00	11	00	ON	1

OP		< FREQ > M	FC	FF	D	< ENVELOPE > R1	R2	R3	R4	L1	L2	L3	L4	< KBD SCALE > LD	LC	BP	RD	RC	R	< S > M	V	TL
1	C	F	1.259	10	-1	41	25	22	45	99	97	86	00	00	-L	A-1	00	-L	4	0	2	99
2		N	02.00	00	-7	99	00	00	30	99	98	97	00	01	+L	C 3	06	-L	1	0	0	76
3	C	N	02.00	00	-1	53	18	17	56	99	95	92	00	00	-L	A-1	00	-L	2	0	7	99
4		N	02.00	00	+0	61	30	00	35	99	98	90	00	04	+L	G 3	13	-L	3	0	0	87
5		N	08.00	00	+3	99	49	55	46	99	90	80	00	00	-L	B 2	22	-L	2	0	2	77
6		F	2042.	31	+5	99	42	50	59	99	99	99	00	00	+L	F#2	45	-L	0	0	0	44

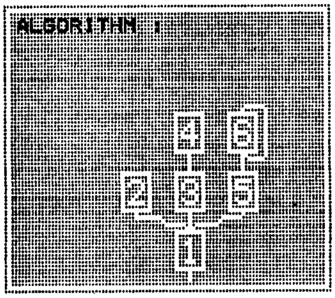
POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	07	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

30. KARIMBA



< NAME >
KARIMBA A

ALGO	16
MID C	C 3
F.B	7
SYNC	ON

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
94	67	95	60	50	50	50	50

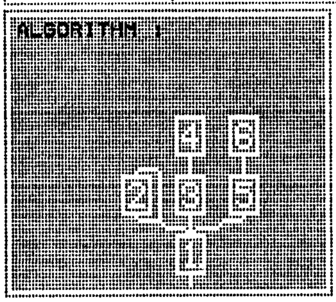
< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	21	00	00	00	ON	2

	< FREQ >				< ENVELOPE >								< KBD SCALE >						< S >		
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1 C	F	1.000	00	+0	99	33	14	38	99	80	00	00	99	+L	E 3	00	-L	2	0	1	99
2	N	11.22	02	-2	75	45	36	19	99	87	00	00	00	+L	A-1	18	-L	2	0	6	67
3	N	00.50	00	+0	99	30	34	46	99	80	00	00	00	-L	A-1	00	-L	0	0	7	99
4	N	07.00	00	+0	90	67	21	82	99	85	00	00	00	-L	D#1	02	-E	0	0	7	78
5	N	03.00	00	+0	99	64	00	08	85	48	00	00	00	-L	A#2	25	-L	0	0	4	99
6	F	2570.	41	+0	99	82	75	00	99	87	00	00	30	-L	D 3	00	-L	0	0	1	99

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	06	00

< MODULATION >	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF



< NAME >
KARIMBA B

ALGO	17
MID C	C 3
F.B	6
SYNC	OFF

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
94	67	95	60	50	50	50	50

< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	34	10	09	00	OFF	1

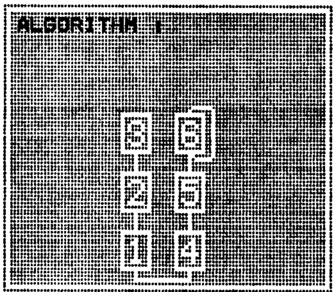
	< FREQ >				< ENVELOPE >								< KBD SCALE >						< S >		
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1 C	F	1.000	00	+0	99	80	25	45	99	99	00	00	00	-L	A-1	00	-L	2	0	0	99
2	N	01.00	00	-1	82	85	57	99	99	76	30	00	00	-L	D#4	00	-L	1	0	1	99
3	N	02.00	00	-7	99	90	50	99	99	74	37	66	00	-L	D#4	00	-L	4	0	1	99
4	F	8318.	92	+0	99	88	94	99	99	68	51	99	00	-L	A-1	00	-L	2	0	5	99
5	N	00.50	00	+0	99	60	46	19	99	93	76	00	00	-L	A-1	00	-L	2	0	7	99
6	N	00.50	01	-2	94	35	32	17	99	51	99	99	10	+L	E 4	00	-L	2	0	7	88

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	06	00

< MODULATION >	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

31. HARMOSYNTH



< NAME >
HARMOSYNTH

ALGO	03
MID C	C 3
F.B	7
SYNC	OFF

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

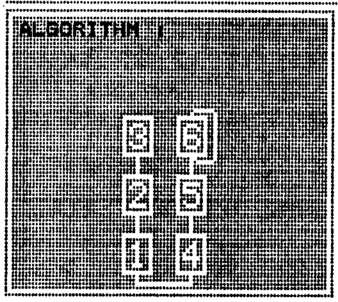
< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	41	00	00	00	ON	2

OP		< FREQ > M	FC	FF	D	< ENVELOPE > R1	R2	R3	R4	L1	L2	L3	L4	< KBD SCALE > LD	LC	BP	RD	RC	R	< S > M	V	TL
1	C	F	1.000	00	+0	83	99	99	87	99	99	99	00	00	-L	A-1	00	-L	0	0	2	99
2		N	01.00	00	+7	57	40	18	64	99	98	82	48	00	-L	A 3	01	-L	1	0	0	85
3		F	6026.	78	+0	21	46	35	71	91	82	00	00	00	-L	C 3	01	-L	0	0	0	36
4	C	F	1.000	00	+0	92	99	15	82	99	99	75	00	00	-L	A-1	00	-L	0	0	0	92
5		N	01.00	00	+0	57	99	12	65	99	99	84	00	00	-L	A-1	00	-L	0	0	3	86
6		F	2.188	34	+0	99	44	01	71	99	99	75	00	00	-L	D 3	12	-L	0	0	2	52

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >	MOD	F.C	B.C	A.TCH
range	79	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF



< NAME >
HARMOSYNTH

ALGO	03
MID C	C 3
F.B	7
SYNC	OFF

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	41	00	00	00	ON	2

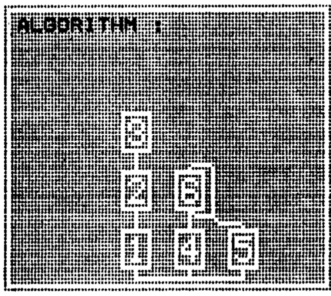
OP		< FREQ > M	FC	FF	D	< ENVELOPE > R1	R2	R3	R4	L1	L2	L3	L4	< KBD SCALE > LD	LC	BP	RD	RC	R	< S > M	V	TL
1	C	F	1.000	00	+0	83	99	99	87	99	99	99	00	00	-L	A-1	00	-L	0	0	2	99
2		N	01.00	00	+7	57	40	18	64	99	98	82	48	00	-L	A 3	01	-L	1	0	0	85
3		F	6026.	78	+0	21	46	35	71	91	82	00	00	00	-L	C 3	01	-L	0	0	0	36
4	C	F	1.000	00	+0	92	99	15	82	99	99	75	00	00	-L	A-1	00	-L	0	0	0	92
5		N	01.00	00	+0	57	99	12	65	99	99	84	00	00	-L	A-1	00	-L	0	0	3	86
6		F	2.188	34	+0	99	44	01	71	99	99	75	00	00	-L	D 3	12	-L	0	0	2	52

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >	MOD	F.C	B.C	A.TCH
range	79	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

32. ORCHESTRA & TRUMPET



< NAME >
ORCHESTRAL

ALGO	19
MID C	C 2
F.B	7
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
94	67	95	60	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	38	33	17	71	OFF	2

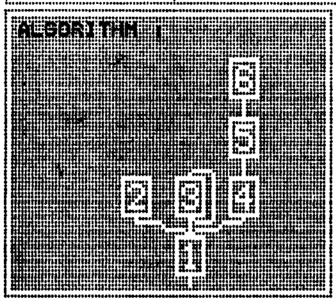
		< FREQ >				< ENVELOPE >								< KBD SCALE >						< S >		
OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	F	2.042	31	-7	47	33	20	35	99	92	84	00	00	-L	A-1	00	-L	2	0	1	99
2		N	02.00	00	-6	99	46	00	28	99	93	87	00	00	-L	C 8	00	-L	1	0	2	88
3		N	04.00	00	-7	99	34	20	35	99	92	89	00	00	-L	A-1	00	-L	2	0	0	79
4	C	N	02.00	00	-2	37	32	24	36	99	96	92	00	00	-L	D#4	00	-L	3	0	2	85
5	C	N	04.00	00	+0	99	60	39	45	99	96	00	00	00	-L	D#4	00	-L	1	0	2	99
6		N	08.00	00	-1	85	63	24	25	99	96	92	00	00	-L	D#4	00	-L	3	0	1	81

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	05	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	ON	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF



< NAME >
TOUCH TMPT

ALGO	18
MID C	C 3
F.B	7
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	67	95	60	48	52	50	52

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	34	45	05	00	OFF	2

		< FREQ >				< ENVELOPE >								< KBD SCALE >						< S >		
OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	N	01.00	00	+5	70	24	19	55	99	95	53	00	00	-L	A-1	00	-L	2	0	4	99
2		N	02.10	05	-7	99	12	22	50	85	00	00	00	00	-L	F 5	96	-E	2	0	7	45
3		N	01.00	00	+0	41	12	22	50	99	95	95	00	00	-L	A-1	00	-L	5	0	2	85
4		N	01.00	00	+0	66	76	22	50	99	61	61	00	00	-L	A-1	00	-L	5	0	4	74
5		N	06.24	04	-1	48	12	22	50	99	61	61	00	00	-L	A-1	00	-L	5	0	0	50
6		N	08.47	21	+0	42	56	20	70	99	00	00	00	00	-L	A-1	00	-L	7	0	3	99

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	ON	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

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